#1261015085

ID:98076365

HD 9622 .A1 C46. 1993i

U.S. Department of the Interior • Bureau of Mines

MINERAL INDUSTRY SURVEYS

810 7th Street, NW Washington, DC 20241

For information call:
Cheryl Solomon, Cement Specialist (202)501-9393
Eric Dunkelberger, Statistical Assistant (202)501-9502

Cement, Monthly

WO DISTRICT
RES
ADM
OPS
ERA
WRA
PEC
CF
CODE:
X=ACTION

CEMENT IN SEPTEMBER 1993

The U.S. Bureau of Mines FaxBack System will allow you to obtain Cement tables 1 and 2, and the partial monthly publication through an automated fax response system. Call (412) 892-4088 from the touch tone handset of any fax machine. Listen to the menu options. The document ID. number for the cement main catalog is 170100. October tables 1 & 2 are anticipated to be available on December 15. If the tables are not available at that time you will receive a revised notice informing you when they are expected to be available.

Portland cement shipments in the United States and Puerto Rico were 8.7 million short tons in September according to the U.S. Bureau of Mines. This was 5% above shipments in September 1992. Cumulative shipments through September 1993 were 64 million short tons, 2.3% above cumulative shipments through September 1992.

The leading portland cement producing States (Texas, California, Michigan, Pennsylvania, and Missouri) shipped 39% of the September total. California, Texas, Florida, Illinois, and Ohio, the leading consuming States, received 32% of total shipments.

Masonry cement shipments of 314,112 tons in September were 9% above shipments in September 1992. Cumulative masonry shipments through September 1993, 2,521,902 short tons, were 10% higher than cumulative shipments through September 1992. The leading producing States (Indiana, Florida, Pennsylvania, Alabama, and Texas) shipped 47% of the total. The leading consuming States (Florida, Texas, North Carolina, Ohio, and Georgia) received 40% of total shipments.

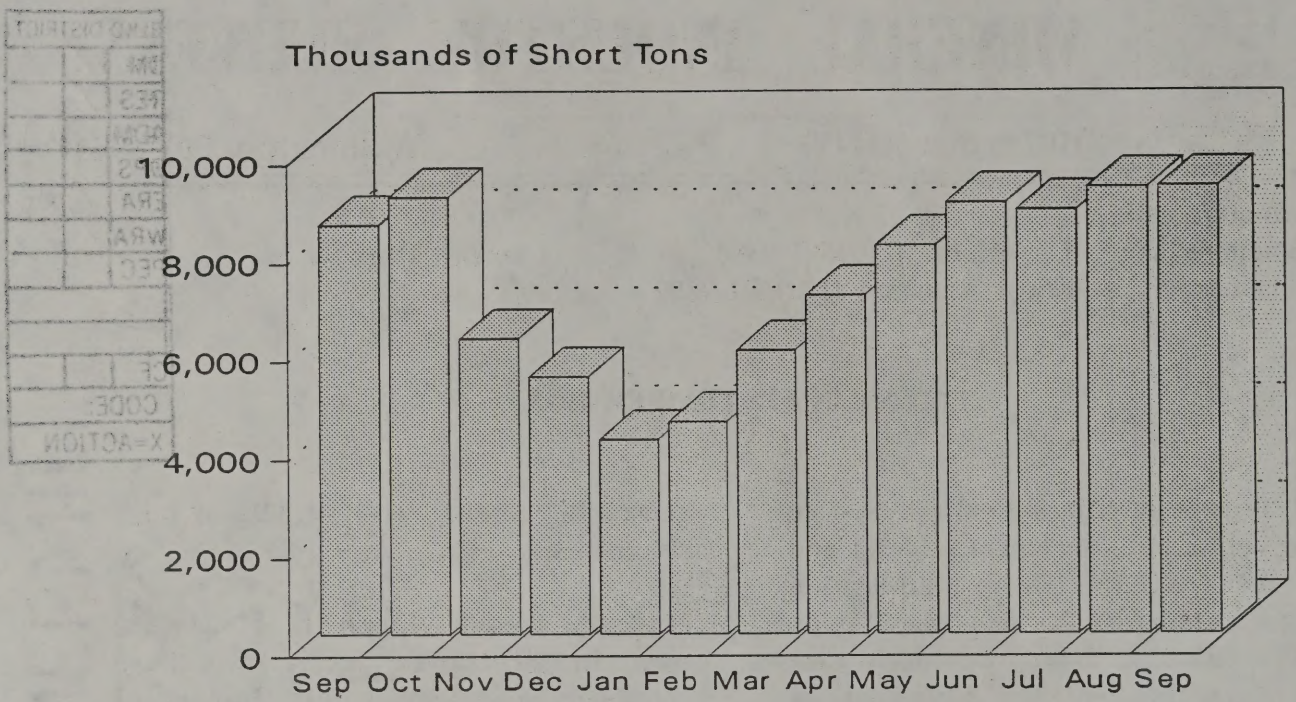
Tables 5, 6, and 7 contain August import data as reported by the Bureau of the Census which were not available for publication in the August report. August imports of 747,424 tons were 27% higher than imports in August 1992. Cumulative imports through August of 4,439,599 tons were 3% higher than August 1992.

Prepared in the Branch of Industrial Minerals and Branch of Data Collection and Coordination, November 18, 1993.

BLM LIBRARY

Portland Cement Shipments

September 1992-September 1993



Masonry Cement Shipments

September 1992-September 1993

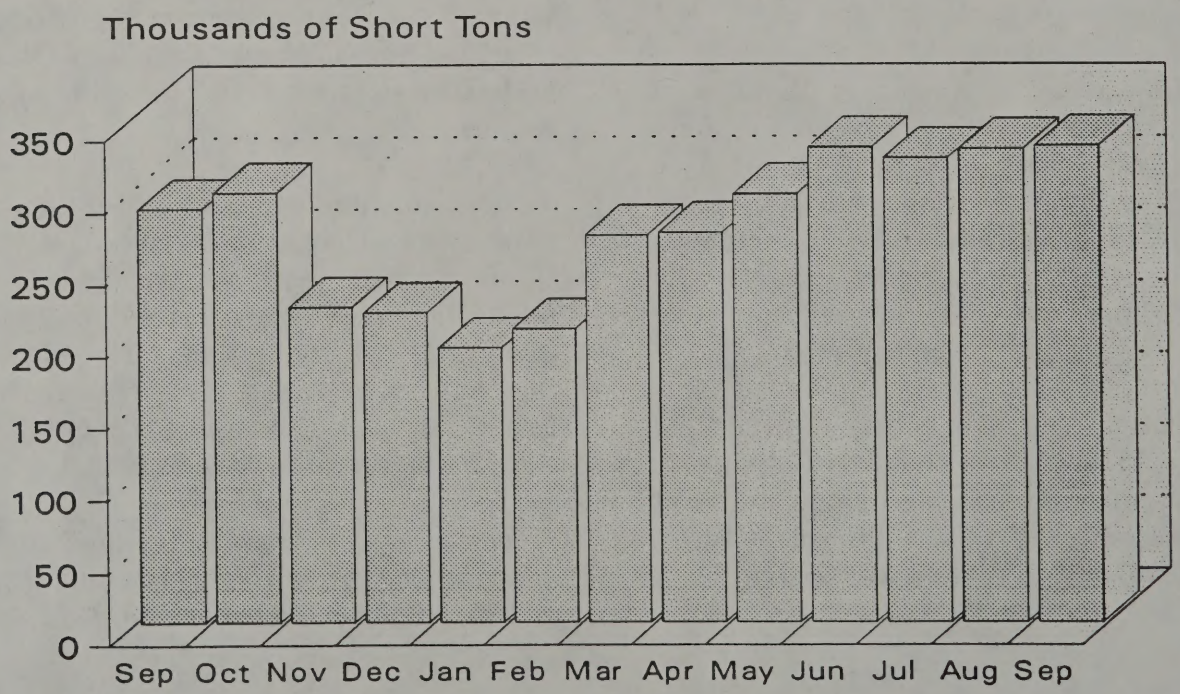


TABLE 1
CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF SEPTEMBER, 1993

(Short tons unless otherwise noted)

District	Finished Portland Cement1/		Prepared Masonry Cement	
	September	Year to Date	September	Year to Date
Alabama	379,157	3,163,085	26,657	240,474
Alaska, Oregon	67,379	418,708	--	56
Arizona, Nevada, New Mexico	237,335	1,746,247	6,754	42,703
Arkansas, Louisiana, Mississippi	133,198	1,115,161	1,398	31,464
California, northern	227,629	1,706,764	--	--
California, southern	608,820	4,967,241	(2/)	(2/)
Colorado, Nebraska, Wyoming	380,456	2,320,884	(2/)	(2/)
Florida	298,087	2,754,420	32,554	255,088
Georgia, Tennessee	204,326	1,753,985	20,289	168,508
Hawaii	43,464	377,990	620	6,042
Idaho, Montana, Utah	228,516	1,460,580	551	5,407
Illinois	275,816	2,073,968	(2/)	(2/)
Indiana	294,275	1,859,701	36,107	278,876
Iowa	299,786	1,594,289	3,782	30,091
Kansas	170,679	999,744	2,887	23,173
Kentucky, Virginia, West Virginia	235,834	1,688,027	20,039	158,305
Maryland	152,042	1,313,430	6,377	49,696
Michigan	656,792	4,282,509	21,078	178,851
Missouri	452,058	3,318,318	11,370	92,600
New York, Maine	364,271	2,606,753	9,849	72,026
Ohio	141,889	1,108,362	11,409	76,066
Oklahoma	169,211	1,225,458	11,717	76,806
Pennsylvania, eastern	401,328	3,010,335	19,446	162,251
Pennsylvania, western	186,708	1,184,743	10,238	79,080
Puerto Rico	120,450	1,086,083	--	--
South Carolina	192,046	1,853,887	(2/)	(2/)
South Dakota	118,535	530,054	421	2,768
Texas, northern	366,024	2,573,720	9,824	76,064
Texas, southern	481,150	4,366,447	13,647	84,824
Washington	90,592	669,545	--	804
U.S. total (short tons)3/	7,977,853	59,130,438	308,336	2,406,663
U.S. total (metric tons)	7,237,389	53,642,246	279,718	2,183,289
Foreign imports4/	769,335	4,903,681	5,776	115,240
Total shipments (short tons)	8,747,188	64,034,119	314,112	5/2,521,902
Total shipments (metric tons)	7,935,318	58,090,792	284,958	2,002,874

1/Excludes cement used in the manufacture of prepared masonry cement.
2/Withheld to avoid disclosing company proprietary data; included in totals.
3/Includes imported foreign clinker which is grounded and manufactured into cement.
4/As reported by domestic and Canadian cement manufacturers and other importers. Source of imports withheld to avoid disclosing company proprietary data.
5/Data do not add to total shown due to independent rounding.

TABLE 1A

PORTLAND CEMENT SHIPMENTS BY PRODUCING DISTRICTS, SEPTEMBER 1992 - SEPTEMBER 1993 1/

(Short tons unless otherwise noted)

District	September 1992	October 1992	November 1992	December 1992	1992 Yearend	January 1993	February 1993	March 1993	April 1993	May 1993	June 1993	July 1993	August 1993	September 1993
Alabama	369,862	434,495	299,739	324,535	4,411,331	282,342	321,462	341,034	363,189	337,292	395,519	371,076	372,014	379,157
Alaska, Oregon	55,305	56,241	37,747	28,061	565,336	18,554	26,451	38,923	45,600	48,935	49,569	55,228	68,069	67,379
Arizona, Nevada, New Mexico	195,314	200,064	163,966	123,852	2,006,160	94,555	120,054	177,981	207,609	214,606	236,295	227,225	230,587	237,335
Arkansas, Louisiana, Mississippi	125,917	167,692	112,927	104,257	1,324,225	75,806	92,368	112,712	143,766	129,085	140,805	146,876	140,545	133,198
California, northern	266,183	243,840	217,598	138,792	2,524,550	105,343	125,090	193,562	210,556	199,043	212,934	206,382	226,225	227,629
California, southern	556,763	588,242	511,501	449,481	6,514,020	302,161	377,203	593,274	609,944	576,239	626,085	637,943	635,572	608,820
Colorado, Nebraska, Wyoming	357,534	354,326	172,750	95,720	2,642,556	72,188	80,155	158,320	216,820	325,036	373,765	346,847	367,297	380,456
Florida	254,857	305,054	283,115	299,685	3,365,170	305,335	291,198	331,690	333,909	280,132	302,000	291,516	r/320,553	298,087
Georgia, Tennessee	199,339	222,855	152,128	143,806	2,142,920	132,090	170,491	177,947	221,836	212,033	219,409	209,155	206,698	204,326
Hawaii	40,060	44,890	39,804	41,624	565,238	37,927	40,034	48,419	44,494	38,183	44,070	42,339	39,060	43,464
Idaho, Montana, Utah	203,043	185,107	126,147	82,699	1,910,130	58,516	64,358	112,435	151,191	181,739	210,636	214,680	238,509	228,516
Illinois	279,181	345,951	187,055	156,676	2,618,119	106,718	120,274	158,992	206,370	283,026	294,688	309,077	319,007	275,816
Indiana	288,999	259,954	153,629	143,555	2,674,138	98,967	87,924	143,325	176,481	218,166	244,853	270,628	325,082	294,275
Iowa	261,740	317,496	120,260	71,632	2,418,476	41,741	46,560	79,935	120,054	233,331	246,657	252,270	273,955	299,786
Kansas	172,254	157,746	84,122	89,615	1,520,634	50,888	55,547	88,146	101,376	108,791	137,211	118,413	168,693	170,679
Kentucky, Virginia, West Virginia	200,514	236,991	148,461	133,247	2,142,728	112,670	116,427	128,666	160,496	208,256	237,741	245,385	242,552	235,834
Maryland	141,743	150,567	120,491	112,607	1,517,437	95,461	90,072	112,710	159,293	169,944	193,061	169,652	171,195	152,042
Michigan	707,531	771,020	441,683	304,355	5,592,390	180,778	146,936	236,351	312,474	614,162	670,966	675,516	788,534	656,792
Missouri	549,492	585,580	304,331	264,853	5,131,763	156,569	198,056	287,416	349,224	441,493	548,225	455,368	429,909	452,058
New York, Maine	382,078	369,273	255,397	235,787	3,302,854	157,688	133,254	189,762	279,039	342,214	407,021	360,769	372,735	364,271
Ohio	167,970	172,810	105,068	85,951	1,427,962	65,413	61,153	78,860	122,670	156,325	160,363	167,798	153,891	141,889
Oklahoma	146,105	152,635	98,694	104,944	1,587,264	68,076	72,897	108,687	124,773	141,126	171,352	177,895	191,441	169,211
Pennsylvania, eastern	402,598	445,699	345,131	256,359	4,124,897	207,787	166,866	231,137	342,661	395,968	446,266	392,897	425,425	401,328
Pennsylvania, western	155,828	147,782	115,807	59,635	1,273,502	49,950	45,777	62,121	112,151	159,103	183,684	179,065	206,184	186,708
Puerto Rico	123,737	131,262	99,171	109,777	1,426,059	97,817	119,380	139,011	122,100	111,918	126,549	119,554	129,304	120,450
South Carolina	203,086	224,713	168,587	170,482	2,351,300	146,640	185,044	196,754	221,357	247,412	238,989	211,705	213,940	192,046
South Dakota	103,296	105,998	40,524	23,254	711,801	13,445	10,674	22,455	36,075	58,814	75,267	93,309	101,480	118,535
Texas, northern	240,454	245,104	181,899	191,857	2,602,098	176,472	191,587	266,320	273,701	277,372	257,667	380,038	384,539	366,024
Texas, southern	516,206	587,139	390,236	419,670	5,617,119	365,764	421,373	487,772	535,972	513,419	543,318	526,034	491,645	481,150
Washington	65,943	74,761	53,804	50,978	817,024	38,062	60,363	76,745	70,723	71,284	84,041	81,724	96,011	90,592
U.S. total (short tons)2/	7,732,932	8,285,287	5,531,772	4,817,746	76,829,201	3,715,723	4,039,028	5,381,462	6,375,904	7,294,447	8,079,006	7,936,364	r/8,330,651	7,977,853
U.S. total (metric tons)	7,015,200	7,516,288	5,018,341	4,370,587	69,698,299	3,370,848	3,664,146	4,881,982	5,784,124	6,617,413	7,329,153	7,199,750	r/7,557,442	7,237,389
Foreign imports3/	596,998	605,422	478,171	413,928	5,917,168	236,485	272,388	382,893	517,067	607,925	685,797	682,961	748,830	769,335
Total shipments (short tons)	8,329,930	8,890,709	6,009,943	5,231,674	82,746,369	3,952,208	4,311,416	5,764,355	6,892,971	7,902,372	8,764,803	8,619,325	r/9,079,481	8,747,188
Total shipments (metric tons)	7,556,788	8,065,518	5,452,130	4,746,096	75,066,265	3,585,384	3,911,252	5,229,336	6,253,200	7,168,913	7,951,298	7,819,322	r/8,236,769	7,935,318

r/Revised.

1/Excludes cement used in the manufacture of prepared masonry cement.

2/Includes imported foreign clinker which is ground and manufactured into cement by domestic producers.

3/As reported by domestic and Canadian cement manufacturers and other importers. Source of imports withheld to avoid disclosing company proprietary data.

TABLE 1B

MASONRY CEMENT SHIPMENTS BY PRODUCING DISTRICTS, SEPTEMBER 1992–SEPTEMBER 1993

(Short tons unless otherwise noted)

District	September 1992	October 1992	November 1992	December 1992	1992 Yearend	January 1993	February 1993	March 1993	April 1993	May 1993	June 1993	July 1993	August 1993	September 1993
Alabama	30,751	30,626	25,971	21,851	323,019	22,178	26,318	29,956	25,526	25,851	29,064	27,906	27,018	26,657
Alaska, Oregon	--	--	--	--	5	--	--	56	--	--	--	--	--	--
Arizona, Nevada, New Mexico	4,420	4,270	3,827	3,382	42,720	2,692	3,645	4,989	4,799	4,392	4,986	4,621	5,825	6,754
Arkansas, Louisiana, Mississippi	6,996	6,714	1,894	6,956	66,586	5,595	5,681	8,104	5,199	1,184	1,466	1,514	1,323	1,398
California, northern	--	--	--	--	--	--	--	--	--	--	--	--	--	--
California, southern	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Colorado, Nebraska, Wyoming	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Florida	16,471	20,027	17,168	19,890	220,665	20,116	21,802	26,113	25,221	24,342	25,330	37,640	41,970	32,554
Georgia, Tennessee	17,404	17,329	12,648	12,401	180,286	12,207	14,907	17,843	17,848	19,754	22,570	22,086	21,004	20,289
Hawaii	477	577	605	550	7,604	558	688	662	660	704	748	645	757	620
Idaho, Montana, Utah	801	657	528	386	9,061	306	367	590	491	480	618	956	1,048	551
Illinois	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Indiana	35,177	36,347	23,952	23,182	360,533	20,501	23,397	24,871	28,537	33,974	38,730	36,386	36,373	36,107
Iowa	3,778	3,982	2,268	1,923	38,426	1,209	1,192	3,072	2,629	4,281	4,435	4,686	4,805	3,782
Kansas	2,785	3,423	2,251	2,466	28,603	1,688	2,904	2,481	2,448	2,484	2,714	2,663	2,904	2,887
Kentucky, Virginia, West Virginia	17,256	18,570	14,515	12,316	187,235	11,968	12,631	17,336	16,590	18,929	19,430	20,742	20,640	20,039
Maryland	6,401	5,730	4,986	6,451	64,533	4,074	3,710	4,707	5,184	6,171	7,363	5,738	6,372	6,377
Michigan	28,532	30,304	19,134	14,004	268,829	14,170	10,234	16,680	18,633	23,282	24,406	26,097	24,271	21,078
Missouri	10,470	11,168	7,160	6,988	111,860	6,763	7,640	10,274	8,400	9,597	11,337	12,151	15,068	11,370
New York, Maine	9,789	9,695	6,709	5,528	95,827	4,663	3,712	6,357	6,971	9,467	10,740	9,893	10,374	9,849
Ohio	10,147	11,037	7,607	10,322	108,890	4,270	3,829	5,895	10,570	10,112	11,342	9,437	9,202	11,409
Oklahoma	5,468	5,021	1,619	3,948	51,656	3,136	3,115	6,019	4,683	9,958	11,338	13,023	13,817	11,717
Pennsylvania, eastern	20,573	21,651	16,415	10,612	209,199	12,287	10,134	14,876	18,133	21,030	23,255	21,029	22,061	19,446
Pennsylvania, western	7,531	7,982	5,611	3,561	73,107	4,023	4,323	7,138	8,641	10,628	11,527	11,198	11,364	10,238
Puerto Rico	--	--	--	--	--	--	--	--	--	--	--	--	--	--
South Carolina	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
South Dakota	460	358	210	212	4,041	163	100	254	277	399	355	339	460	421
Texas, northern	9,716	9,899	8,389	7,610	99,885	7,411	6,598	6,545	7,623	7,496	8,659	8,151	8,612	9,824
Texas, southern	5,512	5,381	4,692	4,952	61,525	5,078	5,942	9,439	10,248	10,573	11,740	11,667	11,635	13,647
Washington	221	190	160	115	2,399	58	140	135	108	165	198	--	--	--
U.S. total (short tons)	270,434	281,252	204,572	195,776	2,839,795	178,776	189,751	246,881	253,644	280,982	310,505	315,494	322,294	308,336
U.S. total (metric tons)	245,334	255,148	185,585	177,605	2,576,219	162,183	172,139	223,967	230,102	254,903	281,685	286,211	292,380	279,718
Foreign imports2/	16,705	17,080	14,345	19,251	189,398	11,420	13,686	21,695	16,631	15,765	18,564	6,015	5,688	5,776
Total shipments3/ (short tons)	287,139	298,332	218,922	215,027	3,029,198	190,196	203,436	268,576	270,275	296,747	329,069	321,509	327,982	314,112
Total shipments (metric tons)	260,488	270,642	198,603	195,069	2,748,043	172,543	184,554	243,648	245,189	269,204	298,526	291,668	297,540	284,958

1/Withheld to avoid disclosing company proprietary data; included in totals.

2/As reported by domestic and Canadian cement manufacturers and other importers. Source of imports withheld to avoid disclosing company proprietary data.

3/Data may not add to totals shown because of independent rounding.

TABLE 2
CEMENT SHIPMENTS BY DESTINATION FOR SEPTEMBER, 1993 1/

(Short tons unless otherwise noted)

State	Finished Portland Cement2/		Prepared Masonry Cement	
	September	Year to Date	September	Year to Date
Alabama	124,556	1,073,022	11,909	101,785
Alaska	17,083	93,181	(3/)	(3/)
Arizona	182,673	1,487,423	(3/)	(3/)
Arkansas	83,585	685,904	5,323	41,695
California, northern	313,475	2,302,263	--	3
California, southern	473,339	4,007,732	(3/)	(3/)
Colorado	269,870	1,823,484	2,117	16,451
Connecticut4/	60,759	468,087	1,633	12,802
Delaware4/	18,685	193,782	868	7,746
District of Columbia4/	9,515	89,412	--	38
Florida	483,088	4,353,054	36,565	360,749
Georgia	251,660	2,034,664	17,946	154,480
Hawaii	43,509	378,406	620	6,042
Idaho	70,115	336,248	63	458
Illinois	166,362	1,015,470	2,604	18,685
Chicago, metropolitan4/	226,000	1,595,957	5,458	40,850
Indiana	212,574	1,406,630	9,801	76,369
Iowa	204,046	1,013,243	1,638	10,227
Kansas	148,283	846,276	1,618	12,124
Kentucky	137,941	974,880	9,435	71,763
Louisiana	179,351	1,397,381	4,597	38,439
Maine	29,866	178,407	652	4,009
Maryland	101,844	829,638	8,272	65,948
Massachusetts4/	117,595	796,263	2,724	20,200
Michigan	275,181	1,809,373	12,249	94,395
Minnesota4/	206,484	1,134,570	4,266	28,647
Mississippi	83,440	705,345	5,401	37,481
Missouri	200,583	1,447,540	3,983	30,736
Montana	62,186	332,627	124	853
Nebraska	135,288	680,486	1,133	8,511
Nevada	116,233	904,011	9	268
New Hampshire4/	28,763	175,521	717	5,169
New Jersey4/	152,183	1,151,879	5,510	43,654
New Mexico	72,667	554,587	678	4,918
New York, eastern	67,103	461,669	2,527	19,633
New York, western	104,687	673,762	3,921	28,243
New York, metropolitan4/	94,881	611,091	3,453	28,799
North Carolina4/	203,413	1,604,201	25,525	197,828
North Dakota4/	44,048	206,325	387	2,549
Ohio	383,091	2,608,365	18,095	139,454
Oklahoma	100,620	856,311	3,767	28,875
Oregon	98,374	664,720	9	138
Pennsylvania, eastern	196,766	1,440,177	5,794	47,339
Pennsylvania, western	132,530	920,519	7,818	62,128
Rhode Island4/	15,609	109,738	318	2,508
South Carolina	88,063	821,228	9,733	88,842
South Dakota	54,588	262,038	670	4,149
Tennessee	152,970	1,256,942	17,266	137,913
Texas, northern	375,944	3,165,797	15,768	113,224
Texas, southern	374,007	3,173,069	10,106	66,307
Utah	118,278	747,573	226	1,773
Vermont4/	15,153	86,023	447	2,941
Virginia	166,315	1,323,821	14,844	122,045
Washington	189,257	1,361,126	464	4,321
West Virginia	60,416	363,675	3,511	27,844
Wisconsin4/	246,246	1,476,668	4,631	34,588
Wyoming	42,687	188,656	161	993
Puerto Rico	120,450	1,086,083	--	--
U.S. poss. and terr.	(3/)	(3/)	(3/)	(3/)
Foreign countries5/	42,910	287,796	6,758	43,973
Total shipments (short tons)	8,747,188	64,034,119	314,112	2,521,902
Total shipments (metric tons)	7,935,318	58,090,792	284,958	2,287,832

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.
2/Excludes cement used in the manufacture of prepared masonry cement.
3/Included with foreign countries to avoid disclosure of company proprietary data.
4/Has no cement producing plants.
5/Direct shipments by producers to foreign countries and also states indicated by footnote 3.

TABLE 2A

PORTLAND CEMENT SHIPMENTS BY DESTINATION, SEPTEMBER 1992–SEPTEMBER 1993 1/ 2/

(Short tons unless otherwise noted)

State	September 1992	October 1992	November 1992	December 1992	1992 Yearend	January 1993	February 1993
Alabama	126,785	150,433	97,034	100,167	1,429,714	84,915	107,267
Alaska	14,703	8,841	5,997	3,785	111,670	2,820	4,061
Arizona	167,502	165,604	144,732	126,355	1,842,821	97,950	128,212
Arkansas	79,239	92,480	61,996	69,013	872,367	49,165	59,194
California, northern	292,878	295,042	266,073	174,646	3,059,645	131,651	153,584
California, southern	483,914	489,821	427,851	376,784	5,732,293	238,260	317,438
Colorado	256,971	261,032	125,959	77,623	1,945,840	66,594	70,923
Connecticut3/	72,784	72,486	54,883	47,720	656,433	30,737	25,629
Delaware3/	21,265	41,219	29,812	22,458	256,978	13,983	11,969
District of Columbia3/	8,207	8,388	8,411	9,117	100,289	8,406	8,878
Florida	417,833	485,547	409,914	448,227	5,428,828	444,297	432,087
Georgia	222,568	258,220	172,473	176,510	2,450,161	157,733	188,595
Hawaii	40,117	45,056	39,841	41,730	566,251	37,980	40,097
Idaho	49,942	42,848	28,944	13,490	411,595	7,728	11,259
Illinois	158,617	183,358	88,866	58,896	1,466,489	33,175	39,970
Chicago, metropolitan3/	234,845	284,048	163,150	125,362	2,205,412	68,870	66,421
Indiana	241,179	227,577	130,966	116,720	1,959,649	69,010	65,058
Iowa	206,911	224,418	83,154	37,000	1,540,485	20,283	19,414
Kansas	142,210	142,753	62,071	59,801	1,210,737	27,160	32,721
Kentucky	127,563	142,058	90,591	80,722	1,262,802	59,504	54,525
Louisiana	141,850	178,782	126,002	120,136	1,715,645	98,243	133,849
Maine	33,140	32,618	23,870	17,635	273,639	8,959	6,325
Maryland	98,908	111,546	87,929	81,606	1,113,534	70,667	59,925
Massachusetts3/	98,844	102,775	81,499	83,122	970,762	49,697	39,622
Michigan	299,364	300,840	177,218	122,680	2,414,961	64,649	63,281
Minnesota3/	210,270	220,922	88,713	56,846	1,573,884	34,192	37,326
Mississippi	79,322	81,259	50,635	49,408	801,732	42,312	63,783
Missouri	213,508	258,131	112,419	122,685	2,163,841	63,301	79,855
Montana	31,345	35,117	19,935	7,595	253,879	5,517	5,302
Nebraska	119,687	116,553	61,022	27,744	890,733	14,403	15,454
Nevada	100,146	112,932	89,151	82,890	1,085,618	63,341	69,465
New Hampshire3/	26,563	24,372	20,218	23,533	237,278	9,490	7,396
New Jersey3/	144,416	164,380	122,776	110,069	1,471,943	77,560	63,022
New Mexico	55,600	60,955	46,832	36,976	624,508	35,591	42,492
New York, eastern	71,234	68,150	49,179	39,883	591,669	22,804	16,263
New York, western	109,278	101,307	68,736	51,320	872,887	34,050	27,510
New York, metropolitan3/	94,931	93,066	69,863	62,334	957,265	39,118	30,992
North Carolina3/	175,584	188,464	135,006	138,789	1,994,988	114,572	140,253
North Dakota3/	41,441	34,610	19,330	11,203	294,135	1,765	2,997
Ohio	363,648	385,785	258,092	194,978	3,191,284	139,359	122,137
Oklahoma	102,586	121,631	77,381	80,316	1,098,969	55,193	59,840
Oregon	85,919	85,417	66,969	46,846	851,919	36,975	48,728
Pennsylvania, eastern	196,562	201,942	160,601	131,262	1,913,602	97,830	75,722
Pennsylvania, western	170,884	144,837	101,254	53,045	1,308,359	44,003	34,708
Rhode Island3/	13,853	14,018	10,600	10,713	139,011	5,702	5,675
South Carolina	86,090	93,232	71,382	73,742	1,012,743	63,793	85,317
South Dakota	41,209	44,237	18,869	10,709	344,472	4,625	4,166
Tennessee	146,787	164,392	120,665	108,502	1,545,862	89,611	97,914
Texas, northern	361,521	387,315	282,541	301,117	3,671,008	260,932	266,009
Texas, southern	336,473	375,058	256,324	292,678	3,973,441	258,180	307,013
Utah	103,573	90,219	67,143	41,195	903,284	25,035	31,443
Vermont3/	14,216	13,539	9,270	9,491	111,860	4,382	3,029
Virginia	152,061	169,171	124,005	115,686	1,653,383	102,623	107,304
Washington	183,083	175,717	134,966	101,411	1,787,303	69,493	108,633
West Virginia	46,142	61,056	39,422	30,108	462,362	23,224	19,713
Wisconsin3/	217,549	260,514	128,128	81,075	1,970,510	55,526	52,652
Wyoming	32,694	26,171	13,468	10,161	234,383	7,169	3,608
Puerto Rico	123,737	131,262	99,171	109,777	1,426,059	97,817	119,380
Foreign countries4/	39,879	37,188	26,641	16,282	333,195	10,284	16,011
Total shipments (short tons)	8,329,930	8,890,709	6,009,943	5,231,674	82,746,369	3,952,208	4,311,416
Total shipments (metric tons)	7,556,788	8,065,518	5,452,130	4,746,096	75,066,265	3,585,384	3,911,252

See footnotes at end of table.

TABLE 2A

PORTLAND CEMENT SHIPMENTS BY DESTINATION, SEPTEMBER 1992–SEPTEMBER 1993 1/ 2/ – CONTINUED

(Short tons unless otherwise noted)

State	March 1993	April 1993	May 1993	June 1993	July 1993	August 1993	September 1993
Alabama	110,614	130,395	119,877	137,412	131,833	126,153	124,556
Alaska	4,895	3,485	14,110	13,541	15,274	17,912	17,083
Arizona	172,099	190,089	182,515	186,157	179,010	168,718	182,673
Arkansas	76,456	68,929	71,937	93,267	95,148	88,223	83,585
California, northern	239,259	279,365	271,009	304,006	295,887	314,027	313,475
California, southern	496,877	497,515	468,604	503,771	509,362	502,566	473,339
Colorado	141,789	173,448	238,719	285,321	289,964	286,856	269,870
Connecticut3/	34,780	52,871	62,530	69,340	62,395	69,046	60,759
Delaware3/	17,212	27,608	27,870	28,272	24,612	23,571	18,685
District of Columbia3/	9,753	11,003	11,275	10,386	9,507	10,689	9,515
Florida	511,799	510,176	478,271	494,899	478,207	r/520,230	483,088
Georgia	203,741	241,650	228,721	256,071	243,798	262,695	251,660
Hawaii	48,510	44,506	38,201	44,157	42,386	39,060	43,509
Idaho	23,932	36,801	41,712	44,021	41,850	58,830	70,115
Illinois	60,618	86,642	136,515	158,750	157,792	175,646	166,362
Chicago, metropolitan3/	103,591	156,247	239,264	231,350	241,238	262,976	226,000
Indiana	111,154	137,321	175,020	192,705	211,913	231,875	212,574
Iowa	38,420	79,823	141,996	172,981	151,297	184,983	204,046
Kansas	72,722	84,675	92,899	130,207	100,257	157,352	148,283
Kentucky	70,687	100,175	125,131	141,397	147,819	137,701	137,941
Louisiana	144,822	162,279	151,860	167,860	176,997	182,120	179,351
Maine	10,298	12,406	24,882	30,644	27,422	27,605	29,866
Maryland	70,701	94,263	108,088	117,401	102,613	104,136	101,844
Massachusetts3/	57,666	85,195	101,803	117,290	107,936	119,459	117,595
Michigan	87,771	140,113	276,299	301,011	296,683	304,385	275,181
Minnesota3/	60,792	83,858	148,908	177,154	188,021	197,835	208,484
Mississippi	72,296	89,224	76,590	93,801	97,169	86,730	83,440
Missouri	131,776	140,507	187,282	219,041	193,238	231,957	200,583
Montana	13,721	26,181	41,708	53,710	58,165	66,137	62,186
Nebraska	32,372	58,225	111,208	115,073	78,783	119,680	135,288
Nevada	105,400	109,750	99,661	110,397	111,753	118,011	116,233
New Hampshire3/	9,725	15,115	22,688	27,628	27,477	27,239	28,783
New Jersey3/	93,791	146,073	146,951	159,754	146,402	166,143	152,183
New Mexico	56,971	61,062	63,185	70,079	75,347	77,193	72,667
New York, eastern	25,319	46,124	65,897	77,155	68,365	72,639	67,103
New York, western	38,441	61,932	92,980	111,886	98,219	104,057	104,687
New York, metropolitan3/	49,192	81,130	92,303	92,503	67,802	63,170	94,881
North Carolina3/	153,243	177,338	199,871	222,295	195,589	197,627	203,413
North Dakota3/	7,453	14,177	24,180	35,173	32,159	44,373	44,048
Ohio	178,599	r/275,971	354,056	368,581	376,103	410,468	383,091
Oklahoma	96,336	103,462	104,453	116,574	111,900	107,933	100,620
Oregon	67,033	69,006	73,153	83,216	89,692	98,543	98,374
Pennsylvania, eastern	98,465	150,619	189,293	221,495	196,769	213,218	196,786
Pennsylvania, western	47,828	86,099	124,168	142,115	147,376	161,692	132,530
Rhode Island3/	8,353	12,919	15,195	16,646	14,071	15,568	15,609
South Carolina	87,982	101,006	101,985	104,259	93,427	95,396	88,063
South Dakota	10,094	16,840	32,270	41,214	49,049	49,192	54,588
Tennessee	111,377	144,878	150,194	170,792	173,121	166,085	152,970
Texas, northern	352,092	356,292	370,116	390,281	407,958	386,173	375,944
Texas, southern	340,882	376,381	344,183	339,206	427,082	406,135	374,007
Utah	59,826	89,420	90,713	107,610	106,954	118,294	118,278
Vermont3/	4,499	6,135	11,536	14,741	13,272	13,276	15,153
Virginia	118,599	147,522	153,741	181,058	171,782	174,877	166,315
Washington	144,282	149,428	155,769	175,104	177,190	191,970	189,257
West Virginia	18,246	31,731	46,139	55,882	51,181	57,143	60,416
Wisconsin3/	81,928	94,169	213,240	242,551	231,577	258,779	246,248
Wyoming	6,962	15,227	21,595	27,169	30,933	33,306	42,667
Puerto Rico	139,011	122,100	111,918	126,549	119,554	129,304	120,450
Foreign countries4/	21,303	26,090	36,135	41,894	50,645	42,524	42,910
Total shipments (short tons)	5,764,355	6,892,971	7,902,372	8,764,803	8,619,325	r/9,079,481	8,747,188
Total shipments (metric tons)	5,229,336	6,253,200	7,168,913	7,951,298	7,819,322	r/8,236,769	7,935,318

r/Revised.

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.

2/Excludes cement used in the manufacture of prepared masonry cement.

3/Has no cement producing plants.

4/Direct shipments by producers to foreign countries.

TABLE 2B

MASONRY CEMENT SHIPMENTS BY DESTINATION, SEPTEMBER 1992–SEPTEMBER 1993 1/

(Short tons unless otherwise noted)

State	September 1992	October 1992	November 1992	December 1992	1992 Yearend	January 1993	February 1993
Alabama	11,458	11,108	7,645	8,163	117,312	8,078	10,231
Alaska	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Arizona	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Arkansas	4,773	4,988	3,256	3,756	49,568	3,520	3,898
California, northern	--	--	--	--	26	--	--
California, southern	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Colorado	1,749	1,951	1,077	933	17,047	1,128	1,160
Connecticut3/	1,567	1,542	1,132	1,089	14,124	880	805
Delaware3/	792	1,009	814	786	9,284	599	591
District of Columbia3/	--	21	--	--	100	8	--
Florida	30,551	35,369	30,623	35,838	390,316	32,290	36,181
Georgia	16,297	16,495	11,661	11,880	174,285	12,224	14,693
Hawaii	477	577	605	550	7,604	558	688
Idaho	29	57	56	38	574	18	45
Illinois	2,370	2,772	1,336	1,576	24,868	781	1,124
Chicago, metropolitan3/	5,440	6,240	4,163	3,216	56,625	2,302	2,440
Indiana	9,522	10,294	6,677	7,027	99,957	5,366	5,227
Iowa	1,460	1,678	717	553	13,979	562	348
Kansas	1,402	1,549	830	910	15,415	592	742
Kentucky	8,723	9,751	6,349	6,596	92,281	5,542	5,653
Louisiana	4,253	4,851	3,331	3,525	45,672	3,377	3,340
Maine	640	561	307	274	6,692	211	157
Maryland	8,192	7,717	6,441	5,148	82,758	5,389	4,868
Massachusetts3/	2,741	2,793	1,928	1,708	26,004	1,206	1,074
Michigan	14,158	13,482	8,856	8,352	128,740	5,688	4,988
Minnesota3/	4,360	4,372	2,294	1,859	38,814	1,141	1,109
Mississippi	4,204	4,826	3,495	3,266	48,187	3,050	3,600
Missouri	3,662	4,121	2,545	2,907	38,997	2,009	2,455
Montana	142	95	88	30	1,093	8	29
Nebraska	1,055	1,180	622	720	11,388	252	569
Nevada	--	16	74	44	359	8	28
New Hampshire3/	923	1,023	642	492	7,274	344	237
New Jersey3/	5,434	5,643	4,389	4,341	54,756	3,202	2,526
New Mexico	637	639	412	316	5,999	307	374
New York, eastern	2,776	2,763	1,892	1,728	26,552	1,228	918
New York, western	3,711	4,598	3,105	2,649	41,670	1,792	1,409
New York, metropolitan3/	3,583	3,590	2,849	2,652	38,908	1,934	1,595
North Carolina3/	20,750	21,621	16,901	16,291	231,547	14,201	16,806
North Dakota3/	535	429	145	103	3,961	108	97
Ohio	17,320	18,052	12,895	12,345	173,435	9,438	8,123
Oklahoma	3,504	3,393	2,199	2,596	34,363	2,188	1,942
Oregon	6	20	7	70	286	10	6
Pennsylvania, eastern	6,158	6,029	4,672	4,208	62,449	3,659	2,690
Pennsylvania, western	8,502	8,491	6,166	4,179	81,072	4,137	3,361
Rhode Island3/	314	594	240	204	3,875	140	134
South Carolina	9,752	9,506	7,738	7,408	107,595	7,265	8,817
South Dakota	678	437	265	344	5,313	155	208
Tennessee	15,020	15,807	10,902	10,224	156,903	11,207	11,845
Texas, northern	11,884	11,153	9,574	10,909	114,308	9,338	9,448
Texas, southern	6,308	5,803	4,785	5,143	75,353	5,259	6,202
Utah	383	196	143	154	2,518	120	163
Vermont3/	483	459	246	297	3,679	123	35
Virginia	13,712	14,282	11,332	9,045	144,286	9,834	10,819
Washington	852	657	594	295	8,212	253	454
West Virginia	3,774	3,828	2,664	1,775	33,119	2,045	1,999
Wisconsin3/	4,669	4,749	2,763	2,482	44,410	2,026	1,688
Wyoming	137	107	70	47	1,195	96	46
Puerto Rico	--	--	--	--	--	--	--
Foreign countries4/	5,317	5,248	4,410	3,986	54,091	3,002	3,849
Total shipments (short tons)	287,139	298,332	218,922	215,027	3,029,198	190,196	203,436
Total shipments (metric tons)	260,488	270,642	198,603	195,069	2,748,043	172,543	184,554

See footnotes at end of table.

TABLE 2B
MASONRY CEMENT SHIPMENTS BY DESTINATION, SEPTEMBER 1992–SEPTEMBER 1993 1/

(Short tons unless otherwise noted)

State	March 1993	April 1993	May 1993	June 1993	July 1993	August 1993	September 1993
Alabama	11,692	11,027	11,279	12,771	12,716	12,082	11,909
Alaska	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Arizona	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Arkansas	5,317	4,154	4,248	5,163	5,356	4,716	5,323
California, northern	--	--	--	3	--	--	--
California, southern	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Colorado	1,597	1,927	1,953	2,027	2,246	2,296	2,117
Connecticut3/	1,258	1,385	1,752	1,974	1,589	1,726	1,633
Delaware3/	781	945	992	1,003	840	1,127	868
District of Columbia3/	--	--	19	--	11	--	--
Florida	43,554	41,946	38,704	41,934	43,013	46,562	36,565
Georgia	16,480	17,727	17,208	19,837	19,270	19,095	17,946
Hawaii	662	660	704	748	645	757	620
Idaho	38	69	49	46	49	81	63
Illinois	1,657	1,869	2,549	2,666	2,512	2,923	2,604
Chicago, metropolitan3/	4,227	4,184	5,407	5,463	5,944	5,425	5,458
Indiana	8,051	7,677	8,882	10,509	10,126	10,730	9,801
Iowa	918	906	1,327	1,383	1,386	1,759	1,638
Kansas	1,328	1,449	1,576	1,648	1,531	1,640	1,618
Kentucky	7,064	7,386	8,181	9,578	9,540	9,384	9,435
Louisiana	4,593	3,734	4,422	4,654	4,711	5,011	4,597
Maine	259	509	554	607	494	566	652
Maryland	6,036	7,366	8,389	8,980	8,441	8,207	8,272
Massachusetts3/	1,625	2,046	2,786	3,085	2,769	2,885	2,724
Michigan	7,016	10,914	12,820	13,612	13,381	13,727	12,249
Minnesota3/	3,193	2,710	3,322	4,058	4,388	4,460	4,266
Mississippi	4,240	3,795	3,726	4,424	4,634	4,611	5,401
Missouri	3,895	2,796	3,496	3,760	4,096	4,246	3,983
Montana	113	105	112	126	129	109	124
Nebraska	825	977	1,103	1,432	918	1,302	1,133
Nevada	65	20	36	39	29	34	9
New Hampshire3/	557	370	612	711	770	851	717
New Jersey3/	3,669	4,795	5,695	6,363	5,754	6,140	5,510
New Mexico	370	739	548	707	589	606	678
New York, eastern	1,456	2,011	2,725	2,962	2,788	3,018	2,527
New York, western	2,610	2,441	3,740	4,638	3,653	4,039	3,921
New York, metropolitan3/	2,525	3,458	3,907	4,368	3,793	3,766	3,453
North Carolina3/	24,719	19,141	22,839	25,224	23,992	23,381	25,525
North Dakota3/	239	321	284	329	317	467	387
Ohio	12,489	15,388	17,845	18,833	19,728	19,514	18,095
Oklahoma	4,202	2,388	2,707	3,768	4,117	3,796	3,767
Oregon	21	18	17	16	21	18	9
Pennsylvania, eastern	4,455	4,910	6,312	6,874	6,122	6,523	5,794
Pennsylvania, western	5,506	6,906	8,301	9,164	8,032	8,903	7,818
Rhode Island3/	194	254	351	472	297	348	318
South Carolina	10,356	9,728	10,934	11,494	10,298	10,417	9,733
South Dakota	443	457	495	593	537	591	670
Tennessee	15,030	13,734	15,831	17,914	18,066	17,020	17,266
Texas, northern	11,914	12,808	13,023	13,908	13,593	13,424	15,768
Texas, southern	6,451	7,206	6,830	8,174	7,836	8,243	10,106
Utah	283	128	187	252	212	202	226
Vermont3/	320	171	454	454	475	462	447
Virginia	13,390	12,471	14,570	15,287	15,558	15,272	14,844
Washington	482	503	425	622	452	666	464
West Virginia	1,918	3,200	3,655	4,249	3,627	3,640	3,511
Wisconsin3/	3,000	3,609	4,432	5,025	4,995	5,182	4,631
Wyoming	59	190	107	81	166	87	161
Puerto Rico	--	--	--	--	--	--	--
Foreign countries4/	5,434	4,646	4,325	5,057	4,957	5,945	6,758
Total shipments (short tons)	268,576	270,275	296,747	329,069	321,509	327,982	314,112
Total shipments (metric tons)	243,648	245,189	269,204	298,526	291,668	297,540	284,958

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.

2/Included with foreign countries to avoid disclosure of company proprietary data.

3/Has no cement producing plants.

4/Direct shipments by producers to foreign countries and also states indicated by footnote 2.

TABLE 3
SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1988–1993) FOR MONTH OF SEPTEMBER1/ 2/

(Thousand short tons)

State	1988	1989	1990	1991	1992	5–Year Average	1993	Record High Qty.	Yr	– Percent Change From – – – – Current Year to – – – 1992	5–Year Average	Record Year
Alabama	114	107	118	116	127	117	125	132	76	–1.6	6.8	–5.3
Alaska3/	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
Arizona	175	168	138	133	168	156	183	195	87	8.9	17.3	–6.2
Arkansas	67	83	72	68	79	74	84	101	76	6.3	13.5	–16.8
California, northern	376	363	341	293	293	333	313	376	88	6.8	–6.0	–16.8
California, southern	742	704	559	514	484	601	473	742	88	–2.3	–21.3	–36.3
Colorado	106	116	100	141	257	144	270	257	92	5.1	87.5	5.1
Connecticut3/	104	71	69	62	73	76	61	110	72	–16.4	–19.7	–44.5
Delaware3/	32	27	22	15	21	23	19	32	88	–9.5	–17.4	–40.6
District of Columbia3/	20	15	18	13	8	15	10	27	74	25.0	–33.3	–63.0
Florida	608	576	456	434	418	498	483	608	88	15.6	–3.0	–20.6
Georgia	273	219	211	204	223	226	252	300	87	13.0	11.5	–16.0
Hawaii	30	45	44	45	40	41	44	46	69	10.0	7.3	–4.3
Idaho	47	33	38	41	50	42	70	59	76	40.0	66.7	18.6
Illinois	152	151	151	167	159	156	166	506	74	4.4	6.4	–67.2
Chicago, metropolitan3/	276	254	224	218	235	241	226	276	88	–3.8	–6.2	–18.1
Indiana	204	210	191	192	241	208	213	247	67	–11.6	2.4	–13.8
Iowa	147	146	195	168	207	173	204	319	75	–1.4	17.9	–36.1
Kansas	116	106	116	126	142	121	148	157	87	4.2	22.3	–5.7
Kentucky	124	109	123	109	128	118	138	141	78	7.8	16.9	–2.1
Louisiana	125	165	154	169	142	151	179	243	78	26.1	18.5	–26.3
Maine	46	35	30	28	33	34	30	46	88	–9.1	–11.8	–34.8
Maryland	176	135	134	100	99	129	102	176	88	3.0	–20.9	–42.0
Massachusetts3/	151	100	84	78	99	102	118	161	86	19.2	15.7	–26.7
Michigan	332	311	288	296	299	305	275	400	72	–8.0	–9.8	–31.3
Minnesota3/	191	212	185	181	210	196	206	247	71	–1.9	5.1	–16.6
Mississippi	65	64	80	75	79	73	83	103	78	5.1	13.7	–19.4
Missouri	217	209	190	179	214	202	201	228	78	–6.1	–0.5	–11.8
Montana	21	23	27	24	31	25	62	57	69	100.0	148.0	8.8
Nebraska	81	113	99	107	120	104	135	142	79	12.5	29.8	–4.9
Nevada	100	113	97	87	100	99	116	113	89	16.0	17.2	2.7
New Hampshire3/	37	29	29	22	27	29	29	37	85	7.4	– –	–21.6
New Jersey3/	169	160	133	120	144	145	152	224	72	5.6	4.8	–32.1
New Mexico	41	44	48	44	56	47	73	59	77	30.4	55.3	23.7
New York, eastern	71	66	61	56	71	65	67	103	79	–5.6	3.1	–35.0
New York, western	134	120	123	100	109	117	105	138	73	–3.7	–10.3	–23.9
New York, metropolitan3/	200	147	138	107	95	138	95	210	86	– –	–31.2	–54.8
North Carolina	206	172	176	170	176	180	203	206	88	15.3	12.8	–1.5
North Dakota3/	23	24	36	37	41	32	44	72	75	7.3	37.5	–38.9
Ohio	410	387	333	344	364	368	383	432	73	5.2	4.1	–11.3
Oklahoma	90	89	84	77	103	89	101	169	81	–1.9	13.5	–40.2
Oregon	89	102	91	104	86	94	98	104	91	14.0	4.3	–5.8
Pennsylvania, eastern	257	213	203	177	197	209	197	257	88	– –	–5.7	–23.3
Pennsylvania, western	154	130	142	129	171	145	133	180	67	–22.2	–8.3	–26.1
Rhode Island3/	24	18	15	13	14	17	16	26	66	14.3	–5.9	–38.5
South Carolina	101	82	102	89	86	92	88	102	90	2.3	–4.3	–13.7
South Dakota	38	28	39	32	41	36	55	61	79	34.1	52.8	–9.8
Tennessee	163	144	137	148	147	147	153	177	78	4.1	4.1	–13.6
Texas, northern	279	284	229	279	362	286	376	362	92	3.9	31.5	3.9
Texas, southern	314	378	336	284	336	330	374	378	89	11.3	13.3	–1.1
Utah	72	93	87	90	104	89	118	132	85	13.5	32.6	–10.6
Vermont3/	27	22	13	14	14	18	15	27	88	7.1	–16.7	–44.4
Virginia	256	211	172	135	152	185	166	256	88	9.2	–10.3	–35.2
Washington	112	171	177	185	183	166	189	185	91	3.3	13.9	2.2
West Virginia	36	41	38	43	46	41	60	85	73	30.4	46.3	–29.4
Wisconsin	201	225	206	206	218	211	246	249	69	12.8	16.6	–1.2
Wyoming	37	29	43	29	33	34	43	67	81	30.3	26.5	–35.8
Puerto Rico	117	85	113	109	124	109	120	170	71	–3.2	10.1	–29.4
Foreign Countries5/	21	27	29	28	40	29	43	NA	NA	7.5	48.3	NA
Total	8,908	8,520	7,901	7,564	8,328	8,244	8,747	8,924	NA	NA	6.1	–2.0

NA Not available.

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.

2/Excludes cement used in the manufacture of prepared masonry cement.

3/Has no cement producing plants.

4/Included with "Foreign Countries" to avoid disclosing company proprietary data.

5/Direct shipments by producers, undistributed, and States indicated by footnote 4.

TABLE 4

SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1988-1993) FOR MONTH OF SEPTEMBER1/

(Thousand short tons)

State	1988	1989	1990	1991	1992	5-Year Average	1993	Record High Qty.	Record High Yr	- Percent Change From - - - Current Year to - - - 1992	5-Year Average	Record High Year
Alabama	9	9	9	9	11	10	12	12	87	9.1	20.0	--
Alaska2/	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)
Arizona	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)
Arkansas	4	3	4	4	5	4	5	7	77	--	25.0	-28.6
California, northern	--	--	--	--	--	--	--	(4/)	78	--	--	--
California, southern	1	1	1	(4/)	(4/)	1	(4/)	1	79	--	-100.0	-100.0
Colorado	1	1	1	1	2	1	2	5	72	--	100.0	-60.0
Connecticut2/	2	2	2	1	2	2	2	3	87	--	--	-33.3
Delaware2/	1	1	1	1	1	1	1	1	88	--	--	--
District of Columbia2/	(4/)	(4/)	(4/)	(4/)	--	(4/)	--	4	69	--	--	-100.0
Florida	47	48	36	29	31	38	37	48	89	19.4	-2.6	-22.9
Georgia	19	16	15	14	16	16	18	22	87	12.5	12.5	-18.2
Hawaii	1	1	1	1	(4/)	1	1	1	73	--	--	--
Idaho	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	78	--	--	--
Illinois	3	3	2	2	2	3	3	15	78	50.0	--	-80.0
Chicago, metropolitan2/	7	7	6	8	5	7	5	8	91	--	-28.6	-37.5
Indiana	10	9	9	8	10	9	10	14	78	--	11.1	-28.6
Iowa	1	1	2	1	1	1	2	3	76	100.0	100.0	-33.3
Kansas	2	2	1	1	1	2	2	3	76	100.0	--	-33.3
Kentucky	9	8	7	7	9	8	9	14	78	--	12.5	-35.7
Louisiana	3	3	4	3	4	4	5	8	78	25.0	25.0	-37.5
Maine	1	1	1	(4/)	1	1	1	2	72	--	--	-50.0
Maryland	16	12	11	8	8	11	8	16	88	--	-27.3	-50.0
Massachusetts2/	5	3	2	2	3	3	3	5	86	--	--	-40.0
Michigan	15	14	13	12	14	13	12	20	67	-14.3	-7.7	-40.0
Minnesota2/	5	5	4	4	4	4	4	7	78	--	--	-42.9
Mississippi	4	4	4	4	4	4	5	8	78	25.0	25.0	-37.5
Missouri	5	4	4	4	4	4	4	6	78	--	--	-33.3
Montana	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	75	--	--	--
Nebraska	1	1	1	1	1	1	1	2	77	--	--	-50.0
Nevada	(4/)	(4/)	(4/)	(4/)	--	(4/)	(4/)	(4/)	90	--	--	--
New Hampshire2/	1	1	1	1	1	1	1	2	86	--	--	-50.0
New Jersey2/	8	7	5	6	5	6	6	9	68	20.0	--	-33.3
New Mexico	1	1	(4/)	(4/)	1	(4/)	1	2	75	--	--	-50.0
New York, eastern	4	3	3	3	3	3	3	5	72	--	--	-40.0
New York, western	6	6	5	4	4	5	4	7	73	--	-20.0	-42.9
New York, metropolitan2/	5	5	4	4	4	5	3	5	86	-25.0	-40.0	-40.0
North Carolina	25	19	20	19	21	21	26	25	87	23.8	23.8	4.0
North Dakota2/	(4/)	(4/)	(4/)	(4/)	1	(4/)	(4/)	1	78	-100.0	--	-100.0
Ohio	20	18	16	16	17	17	18	27	78	5.9	5.9	-33.3
Oklahoma	2	2	2	2	4	2	4	7	78	--	100.0	-42.9
Oregon	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	79	--	--	--
Pennsylvania, eastern	10	8	8	6	6	8	6	10	88	--	-25.0	-40.0
Pennsylvania, western	8	8	7	7	9	8	8	12	78	-11.1	--	-33.3
Rhode Island2/	1	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	1	86	--	--	-100.0
South Carolina	12	10	10	10	10	10	10	13	87	--	--	-23.1
South Dakota	(4/)	(4/)	1	(4/)	1	1	1	1	77	--	--	--
Tennessee	17	14	12	12	15	14	17	20	78	13.3	21.4	-15.0
Texas, northern	7	6	6	7	12	8	16	12	92	33.3	100.0	33.3
Texas, southern	6	7	5	10	6	7	10	10	91	66.7	42.9	--
Utah	(4/)	(4/)	(4/)	1	(4/)	(4/)	(4/)	1	91	--	--	-100.0
Vermont2/	1	1	(4/)	(4/)	(4/)	1	(4/)	1	77	--	-100.0	-100.0
Virginia	22	18	16	11	14	16	15	22	88	7.1	-6.3	-31.8
Washington	1	1	1	1	1	1	(4/)	1	80	-100.0	-100.0	-100.0
West Virginia	3	3	3	3	4	3	4	7	78	--	33.3	-42.9
Wisconsin	5	5	4	4	5	4	5	8	77	--	25.0	-37.5
Wyoming	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	69	--	--	-100.0
Puerto Rico	--	--	--	--	--	--	--	--	--	--	--	--
Foreign Countries5/	10	7	6	4	5	6	7	27	88	40	16.7	-74.1
Total	349	309	279	258	287	297	314	NA	NA	9.4	5.7	-21.1

NA Not available.

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.

2/Has no cement producing plants.

3/Included with "Foreign countries" to avoid disclosing company proprietary data.

4/Less than 1/2 unit.

5/Direct shipments by producers, undistributed, and States indicated by footnote 3.

TABLE 5

HYDRAULIC CEMENT1/ AND CLINKER2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES AUGUST 1993 BY COUNTRY AND CUSTOMS DISTRICT3/

(Short tons unless otherwise noted)

CUSTOMS DISTRICT	BARBADOS	BELGIUM	CANADA	CHINA	COLOMBIA	DENMARK	FRANCE	JAPAN	MEXICO	NETHERLANDS
ANCHORAGE, AK			127					16,586		
BALTIMORE, MD										
BOSTON, MA										
BUFFALO, NY			96,013							
CHARLESTON, SC										
CHICAGO, IL										
CLEVELAND, OH			18,422							
COLUMBIA SNAKE				24,304						
DETROIT, MI			61,559							
DULUTH, MN			15,835							
EL PASO, TX									11,592	
GREAT FALLS, MT			47,300							
HONOLULU, HI										
HOUSTON GALVESTON, TX										
LAREDO, TX									2,723	
LOS ANGELES, CA									31,866	
MIAMI, FL					41,045					
MILWAUKEE, WI			24,906							
MINNEAPOLIS, MN										
NEW ORLEANS, LA							7,443			
NEW YORK CITY, NY										
NOGALES, AZ									36,512	
NORFOLK, VA										18
OGDENSBURG, NY			32,261							
PEMBINA, ND			20,733							
PHILADELPHIA, PA										
PORTLAND, ME			826							
SAN DIEGO, CA										
SAN FRANCISCO, CA										
SAN JUAN, PR		1,136				2,927				
SEATTLE, WA			74,575	22,910						
ST ALBANS, VT			8,385							
TAMPA, FL					38,136		26,288			
VIRGIN ISLANDS	1,957									
WASHINGTON, DC										
WILMINGTON, NC										
AUGUST										
QUANTITY4/	1,957	1,136	400,941	47,214	79,180	2,927	33,731	16,586	82,692	18
VALUE5/	$16,867	$155,520	$16,228,998	$2,137,637	$2,887,822	$358,142	$2,219,425	$657,930	$3,331,955	$15,664

See footnotes at end of table.

TABLE 5

HYDRAULIC CEMENT1/ AND CLINKER2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES AUGUST 1993 BY COUNTRY AND CUSTOMS DISTRICT3/

(Short tons unless otherwise noted)

CUSTOMS DISTRICT	SPAIN	UNITED KINGDOM	VENEZUELA	TOTALS AUGUST	TOTALS TO DATE
ANCHORAGE, AK				16,713	52,115
BALTIMORE, MD		22		22	73
BOSTON, MA					50
BUFFALO, NY				96,013	414,723
CHARLESTON, SC		22		22	45
CHICAGO, IL					20
CLEVELAND, OH				18,422	133,484
COLUMBIA SNAKE				24,304	138,467
DETROIT, MI				61,559	562,422
DULUTH, MN				15,835	49,655
EL PASO, TX				11,592	60,490
GREAT FALLS, MT				47,300	166,748
HONOLULU, HI					181,929
HOUSTON GALVESTON, TX		23		23	98
LAREDO, TX				2,723	21,151
LOS ANGELES, CA				31,866	288,740
MIAMI, FL	40,121			81,165	354,987
MILWAUKEE, WI				24,906	34,626
MINNEAPOLIS, MN					17
NEW ORLEANS, LA				7,443	167,090
NEW YORK CITY, NY					148,648
NOGALES, AZ				36,512	219,438
NORFOLK, VA				18	81,494
OGDENSBURG, NY				32,261	207,744
PEMBINA, ND				20,733	50,964
PHILADELPHIA, PA					43
PORTLAND, ME				826	1,267
SAN DIEGO, CA					63
SAN FRANCISCO, CA					2
SAN JUAN, PR				4,063	17,602
SEATTLE, WA				97,485	553,653
ST ALBANS, VT				8,385	49,724
TAMPA, FL	22,341			86,764	395,158
VIRGIN ISLANDS			3,492	5,449	67,601
WASHINGTON, DC			1,984	1,984	6,234
WILMINGTON, NC			13,037	13,037	13,037
AUGUST					
QUANTITY4/	62,461	67	18,513	747,424	
VALUE5/	$2,979,052	$36,580	$813,413	$31,839,005	

1/Includes white cement as shown in table 6.

2/Includes clinker as shown in table 7.

3/Includes Puerto Rico.

4/Data may not add to totals shown because of independent rounding.

5/Value=CIF (cost, insurance, and freight).

Source: U.S. Bureau Of The Census.

YEAR TO DATE TOTALS

COUNTRIES	QUANTITY	VALUE
AUSTRALIA	78,601	$3,351,238
BARBADOS	11,968	$91,711
BELGIUM	9,729	$1,726,064
CANADA	2,137,700	$87,462,642
CHINA	231,650	$10,593,728
COLOMBIA	346,152	$13,376,721
DENMARK	76,546	$6,483,977
FRANCE	115,184	$10,135,968
GERMANY	19	$17,557
GREECE	166,690	$6,331,405
JAPAN	46,899	$1,967,655
MEXICO	590,119	$24,269,852
NETHERLANDS	117	$116,569
NEW ZEALAND	57,032	$2,234,791
NIGER	17	$13,605
PANAMA	3,031	$118,500
SINGAPORE	1	$2,890
SPAIN	386,653	$19,022,487
SWITZERLAND	1	$3,477
TOBAGO	5,498	$200,600
UNITED KINGDOM	24,417	$992,712
VENEZUELA	151,574	$5,889,388
TOTALS	4,439,599	$194,403,537

TABLE 6

WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES AUGUST 1993 BY COUNTRY AND CUSTOMS DISTRICT1/2/

(Short tons unless otherwise noted)

CUSTOMS DISTRICT	BELGIUM	CANADA	DENMARK	MEXICO	NETHERLANDS	SPAIN	VENEZUELA	AUGUST	TO DATE
BALTIMORE, MD									32
BUFFALO, NY		W						W	29,058
DETROIT, MI		W						W	65,217
EL PASO, TX				1,369				1,369	6,511
GREAT FALLS, MT		198						198	300
LAREDO, TX				2,625				2,625	19,588
MIAMI, FL						14,864		14,864	70,257
NEW YORK CITY, NY									15,792
NOGALES, AZ									1,163
OGDENSBURG, NY									46
SAN DIEGO, CA									63
SAN JUAN, PR	1,136		2,927					4,063	17,594
TAMPA, FL								50,572	50,572
VIRGIN ISLANDS									1
QUANTITY3/	1,136	10,528	2,927	3,994		14,864		33,448	
VALUE4/	$155,520	$1,058,001	$358,142	$345,723		$1,302,554		$3,219,940	
QUANTITY3/	9,698	94,621	76,546	28,171	32	66,465	661		276,194
VALUE4/	$1,687,800	$9,902,547	$6,483,977	$2,577,429	$43,468	$6,236,828	$30,324		$26,962,373

W Withheld to avoid disclosing company proprietary data.

1/Data included in table 5.

2/Includes Puerto Rico.

3/Data may not add to totals shown because of independent rounding.

4/Value=CIF (cost, insurance, and freight).

Source: U.S. Bureau Of The Census.

TABLE 7

CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES AUGUST 1993 BY COUNTRY AND CUSTOMS DISTRICT1/2/

(Short tons unless otherwise noted)

CUSTOMS DISTRICT	AUSTRALIA	CANADA	COLOMBIA	FRANCE	GREECE	NEW ZEALAND	VENEZUELA	AUGUST	TO DATE
DETROIT, MI.		43,903						43,903	426,981
HONOLULU, HI.									181,929
NEW ORLEANS, LA.				7,443				7,443	14,853
NEW YORK CITY, NY.									28,937
NORFOLK, VA.									19,968
SEATTLE, WA.		13,625						13,625	34,268
TAMPA, FL.			33,833					33,833	169,962
QUANTITY3/		57,527	33,833	7,443				98,803	
VALUE4/		$1,705,888	$1,066,818	$1,110,474				$3,883,180	
QUANTITY3/	78,601	461,248	182,425	34,821	28,937	57,032	33,832		876,896
VALUE4/	$3,351,238	$12,304,293	$6,492,302	$4,845,374	$1,179,474	$2,234,791	$1,074,218		$31,481,690

1/Data included in table 5.

2/Includes Puerto Rico.

3/Data may not add up to totals shown because of independent rounding.

4/Value=CIF (cost, insurance, and freight).

Source: U.S. Bureau Of The Census.

BLM Library
Denver Federal Center
Bldg. 50, OC-521
P.O. Box 25047
Denver, CO 80225

TABLE 8
SALIENT CEMENT STATISICS

(Thousand short tons)

Year or month	Shipments 1/ 2/ Portland	Masonry	Production1/	Imports3/	Exports	Average price ($/s.t/)4/
1982	62,672	2,381	64,341	2,930	203	51.43
1983	68,942	2,923	71,347	4,268	118	50.45
1984	77,881	3,281	78,699	8,846	80	52.24
1985	80,744	3,250	78,859	14,487	98	51.87
1986	85,127	3,596	79,916	16,319	59	50.73
1987	90,317	3,835	79,501	17,726	52	49.70
1988	90,299	3,741	78,252	17,488	101	49.36
1989	89,177	3,487	78,559	15,741	512	49.71
1990	87,835	3,396	78,606	13,273	554	50.20
1990:						
July	8,296	309	NA	1,172	65	63.47
August	9,110	326	NA	1,215	58	63.22
September	7,901	279	NA	1,154	63	62.62
October	8,733	302	NA	1,376	47	62.44
November	7,144	267	NA	836	54	62.20
December	4,780	180	NA	829	26	62.10
1991:						
January	3,934	155	NA	527	20	62.10
February	4,464	173	NA	529	22	63.39
March	5,164	226	NA	607	28	63.84
April	6,627	246	NA	746	51	63.09
May	7,512	268	NA	819	75	63.53
June	7,540	261	NA	725	59	63.79
July	8,010	275	NA	944	73	63.98
August	8,149	268	NA	821	86	64.11
September	7,564	258	NA	857	75	63.88
October	8,334	287	NA	822	59	63.80
November	5,894	212	NA	631	66	63.63
December	4,828	178	NA	672	85	62.43
1992:						
January	4,516	184	NA	310	46	63.45
February	4,546	201	NA	401	40	63.07
March	5,692	234	NA	386	69	62.17
April	7,085	267	NA	667	55	62.17
May	7,604	269	NA	668	86	62.30
June	8,380	285	NA	607	90	62.52
July	8,233	297	NA	698	73	62.59
August	8,229	273	NA	589	82	61.81
September	3,330	287	NA	772	76	62.60
October	8,891	298	NA	679	91	61.81
November	6,010	219	NA	535	51	61.81
December	5,232	215	NA	486	65	61.81
1993:						
January	3,952	190	NA	287	22	61.81
February	4,311	203	NA	262	27	61.97
March	5,764	269	NA	365	31	61.97
April	6,893	270	NA	435	68	61.97
May	7,902	297	NA	692	75	63.78
June	8,765	329	NA	919	80	64.29
July	8,619	322	NA	732	83	64.56
August	9,079	328	NA	747	71	64.57
September	8,747	314	NA	NA	NA	63.42

NA Not available.

1/Portland and masonry cement, and cement produced from imported clinker, for the 50 States and Puerto Rico.

2/Includes portland cement shipped by domestic producers and distributors.

3/Includes clinker.

4/Source: Annual prices are based on an average per ton value of cement sales, f.o.b. plant, reported by producers. Monthly prices are based on an average per ton value of cement delivered to 20 cities as published by Engineering News Record.